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PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

02-Dec-2010

Company: 118656

Room/Area ID: Reference #:



 Sales Order #:
 C002726

 CCC Panel #:
 P68842

 Date In:
 19-Oct-2010

 Date Out:
 16-Nov-2010

Days In Service: 28

CCC Panel # P68842

ISA Class G1 Mild

Copper Corrosion 214 Å/30 Days

Silver Corrosion 241 Å/30 Days

(see next page for complete analysis)

Summary for PURAFIL CCC # P68842

The electrolytic reduction analysis on Corrosion Classification Coupon #P68842 shows the presence of only very low concentrations of contaminants in the environment tested. The hydrogen sulfide level is not expected to exceed 3 ppb and the sulfur dioxide level should be less than 10 ppb. Corrosion is not a factor in determining equipment reliability in this environment.

Your local representative for additional information and assistance is:

Environmental Health and Eng

117 Fourth Avenue, Needham MA 02494, USA

tminegishi@eheinc.com

Purafil, Inc. / 2654 Weaver Way, Doraville GA 30340 USA / (770) 662-8545 / (770) 263-6922 Email: purafil@purafil.com / Internet: http://www.purafil.com

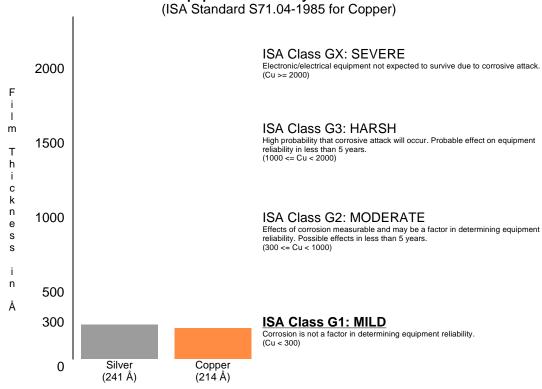
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PURAFIL CCC # P68842 Analysis Results

Corrosion Film Composition Projections				Gold Coupon - Magnified 20x
	30 Days	1 Year	<u>5 Year</u>	magimica zox
Copper Films				
Cu ₂ S	0 Å	0 Å	0 Å	
Cu ₂ O	214 Å	321 Å	420 Å	
Unknowns	o Å	0 Å	0 Å	
Totals	214 Å	321 Å	420 Å	
Silver Films				
AgCl	0 Å	0 Å	0 Å	
Ag ₂ S	241 Å	2928 Å	14641 Å	
Unknowns	o Å	0 Å	0 Å	
Totals	241 Å	2928 Å	14641 Å	
Gold Pore Corrosion: Note: 1000 Å = 0.1 micron				

Equipment Reliability Correlation



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